BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2014-15/OW/WORK_INDENT16758

APPROVED SCHEDULE - B

No.EE TP/BBMP/E-PMT/09/2014-15, Date: 23.01.2015

Maintenance of water supply Existing pump and motor Repairs of Pipe lines Providing additional new pumps motors Gatewalls and other accoriseries in Thanisandra surrounding area in ward no. 06 Byatarayanapura sub division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V NAGARAJ	
				In Figures	In Words
1	35	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No	889.0	Rupees Eight Hundred Eighty Nine Only
2	35	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No	941.0	Rupees Nine Hundred Forty One Only
3	35	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No	575.0	Rupees Five Hundred Seventy Five Only
4	10	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP	No	5007.0	Rupees Five Thousand Seven Only
5	25	15.00 HP	No	5465.0	Rupees Five Thousand Four Hundred Sixty Five Only
6	35	Starter (with one year Guarantee) P No. 55 / I No. 10.3.3 PRED SR (2012-13)	No	5282.0	Rupees Five Thousand Two Hundred Eighty Two Only
7	35	Rotor (with one year Guarantee) P No. 55 / I No. 10.3.6) PRED SR (2012-13)	No	4916.0	Rupees Four Thousand Nine Hundred Sixteen Only
8	850	Pump Bowls P No. 44 / I No. 10.2.1) APRED SR (2010-11)	No	679.0	Rupees Six Hundred Seventy Nine Only
9	35	Intermediate Piece (I.P) With IP Leaded Bronxe bush P No. 44 / I No. 10.2.2) APRED SR (2010-11)	No	470.0	Rupees Four Hundred Seventy Only
10	35	Upper Flange P. No. 56 / I No. 10.3.7 PRED SR (2012-13)	No	366.0	Rupees Three Hundred Sixty Six Only
11	35	Lower Housing P. No. 56 / I No. 10.3.10 PRED SR (2012-13)	No	679.0	Rupees Six Hundred Seventy Nine Only
12	35	Carbon Housing P. No. 56 / I No.10.3.12 PRED SR (2012-13)	No	496.0	Rupees Four Hundred Ninety Six Only
13	35	Thrust bearing block assembly complete with Segment bearing pad.P. No. 55 / I No.10.3.13 PRED SR (2012-13)	No	1202.0	Rupees One Thousand Two Hundred Two Only
14	35	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal P. No. 54 / I No.10.2.3 PRED SR (2012-13)	No	130.0	Rupees One Hundred Thirty Only
15	35	Oil Seal Steel Bush P. No. 54 / I No. 10.2.4 PRED SR (2012-13)	No	156.0	Rupees One Hundred Fifty Six Only
16	700	Guide vane P. No. 54 / I No. 10.2.5 PRED SR (2012-13)	No	183.0	Rupees One Hundred Eighty Three Only
17	80	Impeller Shell moulded with aluminium Bronze) P. No. 54 / I No. 10.2.6 PRED SR (2012-13)	No	444.0	Rupees Four Hundred Forty Four Only
18	35	Discharge outlet (D.O) Bearing D.O Steel Bush P. No. 55 / I No. 10.2.7 PRED SR (2012-13)	No	465.0	Rupees Four Hundred Sixty Five Only
19	35	D.O Bearing P. No. 44 / I No. 10.2.7 PRED SR (2010-11)	No	261.0	Rupees Two Hundred Sixty One Only
20	700	Steel Bush P. No.55 / I No. 10.2.9 PRED SR (2012-13)	No	156.0	Rupees One Hundred Fifty Six Only
21	150	Allen Screw P. No.44 / I No. 10.2.9 RDPR SR (2010-11)	No	26.0	Rupees Twenty Six Only

22	35	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P. No. 55 / I No. 10.2.11 PRED SR (2012-13)	No	993.0	Rupees Nine Hundred Ninety Three Only
23	35	Pump Key (Stainless Steel) P. No. 45 / I No. 10.2.11 RDED SR (2010-11)	No	130.0	Rupees One Hundred Thirty Only
24	35	Pump Couping (Stainless Steel) P. No. 44 / I No. 10.2.12 RDED SR (2010-11)	No	261.0	Rupees Two Hundred Sixty One Only
25	35	Non – return valve (NRV) assembly complete with rubber 'O' Ring P. No. 55 / I No. 10.2.14 PRED SR (2012-13)	No	1412.0	Rupees One Thousand Four Hundred Twelve Only
26	35	Cable Guard P. No. 55 / I No. 10.2.15 PRED SR (2012-13)	No	156.0	Rupees One Hundred Fifty Six Only
27	35	Strainer P. No. 45 / I No. 10.2.15 RDED SR (2010-11)	No	156.0	Rupees One Hundred Fifty Six Only
28	35	Brass Filter P. No. 55 / I No. 10.2.17 PRED SR (2012-13)	No	261.0	Rupees Two Hundred Sixty One Only
29	35	Labour Chargesw (Over Hauling Only) P. No. 45 / I No. 10.2.18 PRED SR (2010-11)	No	470.0	Rupees Four Hundred Seventy Only
30	35	Re-erection charges of pumping machineries including overhauling and pointing P. No. 56 / I No. 10.3.20 PRED SR (2012-13)	Each	993.0	Rupees Nine Hundred Ninety Three Only
31	40	Lock Ring P. No. 45 / I No. 10.3.11 PREC SR (2010-11)	Each	78.0	Rupees Seventy Eight Only
32	35	a) Carbon Housing P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	470.0	Rupees Four Hundred Seventy Only
33	35	Top Carbon/Ferrodo padding P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	78.0	Rupees Seventy Eight Only
34	150	Stud and Nuts P. No. 45 / I No. 10.3.15 PRED SR (2010-11)	Each	52.0	Rupees Fifty Two Only
35	35	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)	Each	392.0	Rupees Three Hundred Ninety Two Only
36	100	Circillps P. No. 45 / I No. 10.3.17 PREC SR (2010-11)	Each	52.0	Rupees Fifty Two Only
37	35	Motor Base With Pin P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)	Each	470.0	Rupees Four Hundred Seventy Only
38	2	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. SE RDED Approved Rate PWD SR 2013-14 P. XXXXIII Sl No. 33 Kirloskar Pumps including of all taxes	No	79016.0	Rupees Seventy Nine Thousand Sixteen Only

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39	2	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No	15480.0	Rupees Fifteen Thousand Four Hundred Eighty Only
40	44000	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	0.35	and Thirty Five Paise Only
41	800	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A KPWD Electrical SR 2010-11	Mtr	193.0	Rupees One Hundred Ninety Three Only
42	75	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No	1774.0	Rupees One Thousand Seven Hundred Seventy Four Only
43	105	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	242.0	Rupees Two Hundred Forty Two Only
44	120	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	115.0	Rupees One Hundred Fifteen Only
45	120	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	248.0	Rupees Two Hundred Forty Eight Only
46	472.5	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.4, PWD SR 13-14)	Cum	233.0	Rupees Two Hundred Thirty Three Only
47	1400	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 102, I.NO - 13.73.1, PWD SR 13-14)	Mtr	369.0	Rupees Three Hundred Sixty Nine Only

48	472.5	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	Cum	62.0	Rupees Sixty Two Only
49	32	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 97 / I.13.37 PWD SR - 2012-13	Each	1655.0	Rupees One Thousand Six Hundred Fifty Five Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore-92.